SUSTAINABLE AND GREEN FINANCE PROGRAM

PROGRAMME’S OBJECTIVES

Lasting two semesters, this program prepares students to become green finance specialists who can contribute to the development of Green Finance within banks, international institutions and companies. The “Sustainable and Green Finance” program allows students:

> To understand the challenges of energy and ecological transition, from the point of view of «physical» phenomena addressed by engineering sciences (climate, biodiversity, etc.) but also from an economic and financial point of view (carbon market, etc.).

> To analyze the different technical, economic and financial dimensions associated with the implementation of «green» projects (and in particular the measurement of positive spin-offs associated with them).

> To measure and evaluate the risks associated with green projects, at the project level and also at the macro-economic level.

> To master the standard financial framework as well as the tools (green bonds, etc.) and the specific dimensions relating to green finance.

COURSES

The program is articulated around a set of rigorous courses in engineering sciences, economics and finance, a cycle of conferences and a capstone project. The list of courses (provisional at this stage) is as follows:

Physics of climate change
Life Cycle Assessment
Climate Risk Assessment and Management
Energy Economics
Project finance
Green Financing
Green Regulation
Credit Risk
ESG Analysis
Conferences
Captone Project

The year ends with a company project (with an internship contract) lasting between 17 weeks and 6 months.

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